Kazuhiro Irie

List of Publications by Year
in descending order

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227 papers	6,455 citations	81434 41 h-index	107981 68 g-index
242 all docs	242 docs citations	242 times ranked	7672 citing authors

#	Article	IF	Citations
1	Synthetic Biology-Based Discovery of Diterpenoid Pyrones from the Genome of Eupenicillium shearii. Journal of Natural Products, 2022, , .	1.5	7
2	Structure Optimization of the Toxic Conformation Model of Amyloid Î²42 by Intramolecular Disulfide Bond Formation. ChemBioChem, 2022, 23, .	1.3	7
3	Activity-differential search for amyloid-Î² aggregation inhibitors using LC-MS combined with principal component analysis. Bioorganic and Medicinal Chemistry Letters, 2022, 61, 128613.	1.0	4
4	Analysis of binding mode of vibsanin A with protein kinase C C1 domains: An experimental and molecular dynamics simulation study. Journal of Molecular Structure, 2022, 1260, 132866.	1.8	0
5	AI and computational chemistry-accelerated development of an alotaketal analogue with conventional PKC selectivity. Chemical Communications, 2022, 58, 6693-6696.	2.2	5
6	Structural basis of the 24B3 antibody against the toxic conformer of amyloid Î² with a turn at positions 22 and 23. Biochemical and Biophysical Research Communications, 2022, 621, 162-167.	1.0	2
7	Effects of side chain length of 10-methyl-aplog-1, a simplified analog of debromoaplysiatoxin, on PKC binding, anti-proliferative, and pro-inflammatory activities. Bioscience, Biotechnology and Biochemistry, 2021, 85, 168-180.	0.6	6
8	Synthesis of Alkyl Bridgedâ€Trisâ€Î±â€Amino Acids as C₃â€Symmetric and Linear Linkers. European Journal of Organic Chemistry, 2021, 2021, 1370-1377.	1.2	3
9	Toxic Amyloid-Î²42 Conformer May Accelerate the Onset of Alzheimerâ€™s Disease in the Preclinical Stage. Journal of Alzheimer's Disease, 2021, 80, 639-646.	1.2	2
10	Analyses of putative anti-cancer potential of three STAT3 signaling inhibitory compounds derived from Salvia officinalis. Biochemistry and Biophysics Reports, 2021, 25, 100882.	0.7	5
11	Total synthesis and biological evaluation of oscillatoxins D, E, and F. Bioscience, Biotechnology and Biochemistry, 2021, 85, 1371-1382.	0.6	8
12	Two Types of PPARÎ³ Ligands Identified in the Extract of Artemisia campestris. Chemistry, 2021, 3, 647-657.	0.9	0
13	Studies Toward the Total Synthesis of Schinortriterpenoids: Diastereoselective Synthesis of the Leftâ€Hand Fragment. European Journal of Organic Chemistry, 2021, 2021, 4269-4272.	1.2	2
14	Searching for Natural Products That Delay Nucleation Phase and Promote Elongation Phase of Amyloid Î²42 toward Alzheimerâ€™s Disease Therapeutics. ACS Chemical Neuroscience, 2021, 12, 3467-3476.	1.7	3
15	Characterization of a Conformation-Restricted Amyloid Î² Peptide and Immunoreactivity of Its Antibody in Human AD brain. ACS Chemical Neuroscience, 2021, 12, 3418-3432.	1.7	13
16	Asymmetric Total Synthesis of Shagenesâ€…A and B. Angewandte Chemie - International Edition, 2021, 60, 23106-23111.	7.2	11
17	Asymmetric Total Synthesis of Shagenesâ€…A and B. Angewandte Chemie, 2021, 133, 23290.	1.6	1
18	Frontispiece: Asymmetric Total Synthesis of Shagenesâ€…A and B. Angewandte Chemie - International Edition, 2021, 60, .	7.2	0

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19	The Novel PKC Activator 10-Methyl-Aplog-1 Combined with JQ1 Induced Strong and Synergistic HIV Reactivation with Tolerable Global T Cell Activation. Viruses, 2021, 13, 2037.	1.5	6
20	Frontispiz: Asymmetric Total Synthesis of Shagenesâ€…A and B. Angewandte Chemie, 2021, 133, .	1.6	0
21	ã‚¢ãƒŸãƒã‚‰ã‚¤ãƒ‰ã‚¸ãƒ³ã‚'è³ªã,'è¤‡æ•°ã•ã,¢ãƒ—ãƒãƒžãƒ¼ã. Kagaku To Seibutsu, 2021, 59, 216-218.	0.0	0
22	New diagnostic method for Alzheimerâ€™s disease based on the toxic conformation theory of amyloid Î². Bioscience, Biotechnology and Biochemistry, 2020, 84, 1-16.	0.6	32
23	Stimulation of insulin secretion by acetylenic fatty acids in insulinoma MIN6 cells through FFAR1. Biochemical and Biophysical Research Communications, 2020, 522, 68-73.	1.0	5
24	Synthesis and biological activities of simplified aplysiatoxin analogs focused on the CH/Ï€ interaction. Bioorganic and Medicinal Chemistry Letters, 2020, 30, 127657.	1.0	9
25	Detection of Amyloid Î² Oligomers with RNA Aptamers in App^{NL-G-F/NL-G-F} Mice: A Model of Arctic Alzheimerâ€™s Disease. ACS Omega, 2020, 5, 21531-21537.	1.6	15
26	Synthetic and Biophysical Studies on the Toxic Conformer in Amyloid Î² with the E22Î" Mutation in Alzheimer Pathology. ACS Chemical Neuroscience, 2020, 11, 3017-3024.	1.7	2
27	RNA aptamers that recognize amyloid Î² oligomers in App NLâ€Gâ€F/NLâ€Gâ€F mice as a model of arctic Alzheimer disease. Alzheimer's and Dementia, 2020, 16, e047218.	0.4	0
28	An RNA aptamer with potent affinity for a toxic dimer of amyloid Î²42 has potential utility for histochemical studies of Alzheimer's disease. Journal of Biological Chemistry, 2020, 295, 4870-4880.	1.6	18
29	Control of the toxic conformation of amyloid Î²42 by intramolecular disulfide bond formation. Chemical Communications, 2020, 56, 4118-4121.	2.2	15
30	Synthetic and biochemical studies on the effect of persulfidation on disulfide dimer models of amyloid Î²42 at position 35 in Alzheimer's etiology. RSC Advances, 2020, 10, 19506-19512.	1.7	3
31	Evaluation of Toxic Amyloid Î²42 Oligomers in Rat Primary Cerebral Cortex Cells and Human iPS-derived Neurons Treated with 10-Me-Aplog-1, a New PKC Activator. International Journal of Molecular Sciences, 2020, 21, 1179.	1.8	6
32	Synthesis and physicochemical properties of 20-mer peptide nucleic acid conjugates with testosterone 17Î²-carboxylic acid. Tetrahedron Letters, 2020, 61, 151781.	0.7	1
33	Insulin deficiency promotes formation of toxic amyloid-Î²42 conformer co-aggregating with hyper-phosphorylated tau oligomer in an Alzheimer's disease model. Neurobiology of Disease, 2020, 137, 104739.	2.1	31
34	Synthetic biology based construction of biological activity-related library of fungal decalin-containing diterpenoid pyrones. Nature Communications, 2020, 11, 1830.	5.8	64
35	Curcumin may induce lipolysis via proteo-stress in Huh7 human hepatoma cells. Journal of Clinical Biochemistry and Nutrition, 2019, 65, 91-98.	0.6	8
36	Synthesis and biochemical characterization of quasi-stable trimer models of full-length amyloid Î²40 with a toxic conformation. Chemical Communications, 2019, 55, 182-185.	2.2	17

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37	An App knock-in mouse inducing the formation of a toxic conformer of AÎ² as a model for evaluating only oligomer-induced cognitive decline in Alzheimer's disease. Biochemical and Biophysical Research Communications, 2019, 515, 462-467.	1.0	14
38	Three Structural Features of Functional Food Components and Herbal Medicine with Amyloid Î²42 Anti-Aggregation Properties. Molecules, 2019, 24, 2125.	1.7	24
39	Synthesis, Conformation, and Biological Activities of a Des-A-Ring Analog of 18-Deoxy-Aplog-1, a Simplified Analog of Debromoaplysiatoxin. Heterocycles, 2019, 99, 942.	0.4	4
40	Synthesis and Structure-Function Analyses of the Toxic Dimer and Trimer Models of Amyloid Î². Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 2019, 77, 1201-1208.	0.0	0
41	Mechanistic analyses of the suppression of amyloid Î²42 aggregation by apomorphine. Bioorganic and Medicinal Chemistry, 2018, 26, 1538-1546.	1.4	18
42	Change of Amyloid-Î² 1-42 Toxic Conformer Ratio After Cerebrospinal Fluid Diversion Predicts Long-Term Cognitive Outcome in Patients with Idiopathic NormalÂPressure Hydrocephalus. Journal of Alzheimer's Disease, 2018, 63, 989-1002.	1.2	19
43	Identification of protein kinase C isozymes involved in the anti-proliferative and pro-apoptotic activities of 10-Methyl-aplog-1, a simplified analog of debromoaplysiatoxin, in several cancer cell lines. Biochemical and Biophysical Research Communications, 2018, 495, 438-445.	1.0	12
44	Amyloid Î² toxic conformer has dynamic localization in the human inferior parietal cortex in absence of amyloid plaques. Scientific Reports, 2018, 8, 16895.	1.6	15
45	Role of the carboxy groups of triterpenoids in their inhibition of the nucleation of amyloid Î²42 required for forming toxic oligomers. Chemical Communications, 2018, 54, 6272-6275.	2.2	27
46	Synthesis and Biological Activities of Acetal Analogs at Position 3 of 10-Methyl-Aplog-1, a Potential Anti-Cancer Lead Derived from Debromoaplysiatoxin. Heterocycles, 2018, 97, 478.	0.4	3
47	Synthetic Models of Quasi-Stable Amyloid Î²40 Oligomers with Significant Neurotoxicity. ACS Chemical Neuroscience, 2017, 8, 807-816.	1.7	28
48	A Toxic Conformer of AÎ²42 with a Turn at 22â€“23 is a Novel Therapeutic Target for Alzheimerâ€™s Disease. Scientific Reports, 2017, 7, 11811.	1.6	23
49	Inhibitory Activities of Antioxidant Flavonoids from <i>Tamarix gallica</i> on Amyloid Aggregation Related to Alzheimerâ€™s and Type 2 Diabetes Diseases. Biological and Pharmaceutical Bulletin, 2017, 40, 238-241.	0.6	43
50	Triterpenoids Isolated from <i>Ziziphus jujuba</i> Enhance Glucose Uptake Activity in Skeletal Muscle Cells. Journal of Nutritional Science and Vitaminology, 2017, 63, 193-199.	0.2	25
51	Loss of the Phenolic Hydroxyl Group and Aromaticity from the Side Chain of Anti-Proliferative 10-Methyl-aplog-1, a Simplified Analog of Aplysiatoxin, Enhances Its Tumor-Promoting and Proinflammatory Activities. Molecules, 2017, 22, 631.	1.7	4
52	Synthesized AÎ²42 Caused Intracellular Oxidative Damage, Leading to Cell Death, via Lysosome Rupture. Cell Structure and Function, 2017, 42, 71-79.	0.5	23
53	Inhibitory Activity of Hispidin Derivatives Isolated from Inonotus obliquus on Amyloid Î² Aggregation. Heterocycles, 2017, 94, 1280.	0.4	7
54	Structure-Activity Relationship of Phenylethanoid Glycosides on the Inhibition of Amyloid Î² Aggregation. Heterocycles, 2016, 92, 1976.	0.4	9

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55	Possible Contribution of Zerumbone-Induced Proteo-Stress to Its Anti-Inflammatory Functions via the Activation of Heat Shock Factor 1. PLoS ONE, 2016, 11, e0161282.	1.1	14
56	Semisynthesis and Structureâ€“Activity Studies of Uncarinic Acid C Isolated from Uncaria rhynchophylla as a Specific Inhibitor of the Nucleation Phase in Amyloid Î²42 Aggregation. Journal of Natural Products, 2016, 79, 2521-2529.	1.5	28
57	Binding mode prediction of aplysiatoxin, a potent agonist of protein kinase C, through molecular simulation and structureâ€“activity study on simplified analogs of the receptor-recognition domain. Bioorganic and Medicinal Chemistry, 2016, 24, 4218-4227.	1.4	18
58	Monoclonal antibody with conformational specificity for a toxic conformer of amyloid Î²42 and its application toward the Alzheimerâ€™s disease diagnosis. Scientific Reports, 2016, 6, 29038.	1.6	50
59	Structural optimization of 10-methyl-aplog-1, a simplified analog of debromoaplysiatoxin, as an anticancer lead. Bioscience, Biotechnology and Biochemistry, 2016, 80, 221-231.	0.6	12
60	Structural insights into mechanisms for inhibiting amyloid Î²42 aggregation by non-catechol-type flavonoids. Bioorganic and Medicinal Chemistry, 2016, 24, 304-313.	1.4	47
61	Synthesis and characterization of the amyloid Î²40 dimer model with a linker at position 30 adjacent to the intermolecular Î²-sheet region. Biochemical and Biophysical Research Communications, 2015, 466, 463-467.	1.0	6
62	Soybean extracts increase cell surface ZIP4 abundance and cellular zinc levels: a potential novel strategy to enhance zinc absorption by ZIP4 targeting. Biochemical Journal, 2015, 472, 183-193.	1.7	31
63	Potential Role of Vitamin C in the Prevention of Alzheimerâ€™s Disease. , 2015, , 663-668.		0
64	Identification and characterization of PKCÎ³, a kinase associated with SCA14, as an amyloidogenic protein. Human Molecular Genetics, 2015, 24, 525-539.	1.4	22
65	Synthesis and biological activities of the amide derivative of aplog-1, a simplified analog of aplysiatoxin with anti-proliferative and cytotoxic activities. Bioscience, Biotechnology and Biochemistry, 2015, 79, 888-895.	0.6	1
66	Identification of a New Type of Covalent PPARÎ³ Agonist using a Ligand-Linking Strategy. ACS Chemical Biology, 2015, 10, 2794-2804.	1.6	28
67	A New Lyngbyatoxin from the Hawaiian Cyanobacterium Moorea producens. Marine Drugs, 2014, 12, 2748-2759.	2.2	27
68	Two New Lyngbyatoxin Derivatives from the Cyanobacterium, Moorea producens. Marine Drugs, 2014, 12, 5788-5800.	2.2	16
69	Improved and large-scale synthesis of 10-methyl-aplog-1, a potential lead for an anticancer drug. Tetrahedron, 2014, 70, 9776-9782.	1.0	14
70	Synthesis and Biological Activities of Simplified Analogs of the Natural <scp>PKC</scp> Ligands, Bryostatinâ€1 and Aplysiatoxin. Chemical Record, 2014, 14, 251-267.	2.9	41
71	P2-072: SYNTHESIS AND BIOLOGICAL ACTIVITIES OF THE AÎ²40 DIMER WITH TOXIC CONFORMATION. , 2014, 10, P496-P496.		0
72	Effects of the methoxy group in the side chain of debromoaplysiatoxin on its tumor-promoting and anti-proliferative activities. Bioorganic and Medicinal Chemistry Letters, 2013, 23, 4319-4323.	1.0	14

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73	Structureâ€“activity studies at position 27 of aplog-1, a simplified analog of debromoaplysiatoxin with anti-proliferative activity. Tetrahedron, 2013, 69, 7636-7645.	1.0	18
74	Structureâ€“activity studies on the side chain of a simplified analog of aplysiatoxin (aplog-1) with anti-proliferative activity. Bioorganic and Medicinal Chemistry, 2013, 21, 2695-2702.	1.4	20
75	Site-specific Inhibitory Mechanism for Amyloid Î²42 Aggregation by Catechol-type Flavonoids Targeting the Lys Residues. Journal of Biological Chemistry, 2013, 288, 23212-23224.	1.6	192
76	Identification of 6-octadecynoic acid from a methanol extract of Marrubium vulgare L. as a peroxisome proliferator-activated receptor Î³ agonist. Biochemical and Biophysical Research Communications, 2013, 440, 204-209.	1.0	23
77	Non-toxic conformer of amyloid Î² may suppress amyloid Î²-induced toxicity in rat primary neurons: Implications for a novel therapeutic strategy for Alzheimerâ€™s disease. Biochemical and Biophysical Research Communications, 2013, 438, 1-5.	1.0	17
78	Zerumbone, an electrophilic sesquiterpene, induces cellular proteo-stress leading to activation of ubiquitinâ€“proteasome system and autophagy. Biochemical and Biophysical Research Communications, 2013, 430, 616-622.	1.0	37
79	Modeling Alzheimerâ€™s Disease with iPSCs Reveals Stress Phenotypes Associated with Intracellular AÎ² and Differential Drug Responsiveness. Cell Stem Cell, 2013, 12, 487-496.	5.2	652
80	Structureâ€“Activity Relationship for (+)-Taxifolin Isolated from Silymarin as an Inhibitor of Amyloid Î² Aggregation. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1100-1103.	0.6	45
81	Intracellular Accumulation of Toxic Turn Amyloid-Î² is Associated with Endoplasmic Reticulum Stress in Alzheimer's Disease. Current Alzheimer Research, 2013, 10, 11-20.	0.7	32
82	Inhibition of Amyloid Î² Aggregation by Acteoside, a Phenylethanoid Glycoside. Bioscience, Biotechnology and Biochemistry, 2013, 77, 1329-1332.	0.6	61
83	Non-Specific Protein Modifications by a Phytochemical Induce Heat Shock Response for Self-Defense. PLoS ONE, 2013, 8, e58641.	1.1	34
84	Intracellular Accumulation of Toxic Turn Amyloid-Î² is Associated with Endoplasmic Reticulum Stress in Alzheimerâ€™s Disease. Current Alzheimer Research, 2013, 10, 11-20.	0.7	41
85	Modulation of Protein Quality Control Systems as Novel Mechanisms Underlying Functionality of Food Phytochemicals. Functional Foods in Health and Disease, 2013, 3, 400.	0.3	3
86	Intracellular accumulation of toxic turn amyloid-Î² is associated with endoplasmic reticulum stress in Alzheimer's disease. Current Alzheimer Research, 2013, 10, 11-20.	0.7	52
87	Stimulation of the Amyloidogenic Pathway by Cytoplasmic Superoxide Radicals in an Alzheimer's Disease Mouse Model. Bioscience, Biotechnology and Biochemistry, 2012, 76, 1098-1103.	0.6	21
88	Early accumulation of intracellular fibrillar oligomers and late congophilic amyloid angiopathy in mice expressing the Osaka intra-AÎ² APP mutation. Translational Psychiatry, 2012, 2, e183-e183.	2.4	45
89	Synthesis and structureâ€“activity studies of simplified analogues of aplysiatoxin with antiproliferative activity like bryostatin-1. Pure and Applied Chemistry, 2012, 84, 1341-1351.	0.9	14
90	Synthesis of Antineoplastic Analogs of Aplysiatoxin with Various Side Chain Structures. Heterocycles, 2012, 86, 281.	0.4	1

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91	Lack of the Consensus Sequence Necessary for Tryptophan Prenylation in the ComX Pheromone Precursor. Bioscience, Biotechnology and Biochemistry, 2012, 76, 1492-1496.	0.6	13
92	Structureâ€“Activity Studies on the Spiroketal Moiety of a Simplified Analogue of Debromoaplysiatoxin with Antiproliferative Activity. Journal of Medicinal Chemistry, 2012, 55, 5614-5626.	2.9	47
93	Identification and Biological Activities of Bryostatins from Japanese Bryozoan. Bioscience, Biotechnology and Biochemistry, 2012, 76, 1041-1043.	0.6	9
94	Toxicity in Rat Primary Neurons through the Cellular Oxidative Stress Induced by the Turn Formation at Positions 22 and 23 of Aβ42. ACS Chemical Neuroscience, 2012, 3, 674-681.	1.7	31
95	Isolation, identification, and biological evaluation of Nrf2-ARE activator from the leaves of green perilla (Perilla frutescens var. crispa f. viridis). Free Radical Biology and Medicine, 2012, 53, 669-679.	1.3	45
96	Glyceraldehyde-3-phosphate dehydrogenase regulates cyclooxygenase-2 expression by targeting mRNA stability. Archives of Biochemistry and Biophysics, 2012, 528, 141-147.	1.4	25
97	Solid-state NMR analysis of the β-strand orientation of the protofibrils of amyloid β-protein. Biochemical and Biophysical Research Communications, 2012, 428, 458-462.	1.0	18
98	Protective effects of caffeoylquinic acids on the aggregation and neurotoxicity of the 42-residue amyloid β-protein. Bioorganic and Medicinal Chemistry, 2012, 20, 5844-5849.	1.4	76
99	Auraptene Attenuates Gastritis via Reduction ofHelicobacter pyloriColonization and Pro-Inflammatory Mediator Production in C57BL/6 Mice. Journal of Medicinal Food, 2012, 15, 658-663.	0.8	20
100	Geranyl modification on the tryptophan residue of ComX_{ROâ€Eâ€2} pheromone by a cellâ€free system. FEBS Letters, 2012, 586, 174-179.	1.3	17
101	Challenges to the development of bryostatinâ€type anticancer drugs based on the activation mechanism of protein kinase Cδ. Medicinal Research Reviews, 2012, 32, 518-535.	5.0	28
102	Insulin receptor mutation results in insulin resistance and hyperinsulinemia but does not exacerbate Alzheimerâ€™s-like phenotypes in mice. Biochemical and Biophysical Research Communications, 2011, 409, 34-39.	1.0	21
103	Formation of the 42-mer Amyloid Radical and the Therapeutic Role of Superoxide Dismutase in Alzheimer's Disease. Journal of Amino Acids, 2011, 2011, 1-10.	5.8	13
104	E22Δ Mutation in Amyloidβ-Protein Promotesβ-Sheet Transformation, Radical Production, and Synaptotoxicity, But Not Neurotoxicity. International Journal of Alzheimer's Disease, 2011, 2011, 1-8.	1.1	15
105	Solid-state NMR analysis of interaction sites of curcumin and 42-residue amyloid β-protein fibrils. Bioorganic and Medicinal Chemistry, 2011, 19, 5967-5974.	1.4	83
106	Vitamin C Restores Behavioral Deficits and Amyloid-β Oligomerization without Affecting Plaque Formation in a Mouse Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2011, 26, 7-18.	1.2	85
107	Generation of â€˜Unnatural Natural Productâ€™ library and identification of a small molecule inhibitor of XIAP. Bioorganic and Medicinal Chemistry, 2011, 19, 4377-4385.	1.4	30
108	1,2-Di-O-α-linolenoyl-3-O-β-galactosyl-sn-glycerol as a Superoxide Generation Inhibitor fromPerilla frutescensvar.crispa. Bioscience, Biotechnology and Biochemistry, 2011, 75, 2240-2242.	0.6	7

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109	Synthesis and Biological Evaluation of the 12,12-Dimethyl Derivative of Aplog-1, an Anti-Proliferative Analog of Tumor-Promoting Aplysiatoxin. Bioscience, Biotechnology and Biochemistry, 2011, 75, 1167-1173.	0.6	18
110	SOD1 (Copper/Zinc Superoxide Dismutase) Deficiency Drives Amyloid Î² Protein Oligomerization and Memory Loss in Mouse Model of Alzheimer Disease. Journal of Biological Chemistry, 2011, 286, 44557-44568.	1.6	202
111	Downregulation of programmed cell death 4 by inflammatory conditions contributes to the generation of the tumor promoting microenvironment. Molecular Carcinogenesis, 2010, 49, 837-848.	1.3	31
112	Role of the phenolic hydroxyl group in the biological activities of simplified analogue of aplysiatoxin with antiproliferative activity. Bioorganic and Medicinal Chemistry Letters, 2010, 20, 6064-6066.	1.0	21
113	The turn formation at positions 22 and 23 in the 42â€mer amyloid Î² peptide: The emerging role in the pathogenesis of Alzheimer's disease. Geriatrics and Gerontology International, 2010, 10, S169-79.	0.7	19
114	Stomatal Density is Controlled by a Mesophyll-Derived Signaling Molecule. Plant and Cell Physiology, 2010, 51, 1-8.	1.5	194
115	Suppression of CD74 Expression andHelicobacter pyloriAdhesion by Auraptene Targeting Serum Starvation-Activated ERK1/2 in NCI-N87 Gastric Carcinoma Cells. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1018-1024.	0.6	16
116	Inhibition by Genistein of the Lipopolysaccharide-Induced Down-Regulation of Programmed Cell Death 4 in RAW 264.7 Mouse Macrophages. Bioscience, Biotechnology and Biochemistry, 2010, 74, 1095-1097.	0.6	5
117	Monoclonal Antibody Against the Turn of the 42-Residue Amyloid Î²-Protein at Positions 22 and 23. ACS Chemical Neuroscience, 2010, 1, 747-756.	1.7	51
118	Enzymatic Production of (â^')-Indolactam V by LtxB, a Cytochrome P450 Monooxygenase. Journal of Natural Products, 2010, 73, 71-74.	1.5	45
119	Silymarin Attenuated the Amyloid Î² Plaque Burden and Improved Behavioral Abnormalities in an Alzheimerâ€™s Disease Mouse Model. Bioscience, Biotechnology and Biochemistry, 2010, 74, 2299-2306.	0.6	70
120	In VitroCovalent Binding Proteins of Zerumbone, a Chemopreventive Food Factor. Bioscience, Biotechnology and Biochemistry, 2009, 73, 1905-1907.	0.6	51
121	Identification of Physiological and Toxic Conformations in AÎ²42 Aggregates. ChemBioChem, 2009, 10, 287-295.	1.3	100
122	A Simple Analogue of Tumor-Promoting Aplysiatoxin Is an Antineoplastic Agent Rather Than a Tumor Promoter: Development of a Synthetically Accessible Protein Kinase C Activator with Bryostatin-like Activity. Journal of the American Chemical Society, 2009, 131, 7573-7579.	6.6	81
123	Design and physicochemical properties of new fluorescent ligands of protein kinase C isozymes focused on CH/Ï€ interaction. Bioorganic and Medicinal Chemistry, 2008, 16, 650-657.	1.4	10
124	Verification of the C-terminal intramolecular Î²-sheet in AÎ²42 aggregates using solid-state NMR: Implications for potent neurotoxicity through the formation of radicals. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 3206-3210.	1.0	26
125	Isomerization and/or racemization at Asp23 of AÎ²42 do not increase its aggregative ability, neurotoxicity, and radical productivity in vitro. Biochemical and Biophysical Research Communications, 2008, 366, 745-751.	1.0	20
126	Synthesis, Conformational Analysis, and Biological Evaluation of 1-Hexylindolactam-V10 as a Selective Activator for Novel Protein Kinase C Isozymes. Journal of Medicinal Chemistry, 2008, 51, 46-56.	2.9	40

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127	Verification of the Intermolecular Parallel Î²-Sheet in E22K-AÎ²42 Aggregates by Solid-State NMR Using Rotational Resonance: Implications for the Supramolecular Arrangement of the Toxic Conformer of AÎ²42. Bioscience, Biotechnology and Biochemistry, 2008, 72, 2170-2175.	0.6	18
128	Title is missing!. Kagaku To Seibutsu, 2008, 46, 431-434.	0.0	0
129	The Toxic Conformation of the 42-residue Amyloid β Peptide and Its Relevance to Oxidative Stress in Alzheimers Disease. Mini-Reviews in Medicinal Chemistry, 2007, 7, 1001-1008.	1.1	24
130	Distance Measurement between Tyr10 and Met35 in Amyloid Î² by Siteâ€Directed Spinâ€Labeling ESR Spectroscopy: Implications for the Stronger Neurotoxicity of AÎ²42 than AÎ²40. ChemBioChem, 2007, 8, 2308-2314.	1.3	40
131	Binding Selectivity of 1- or 12-Substituted Indolactam Derivatives for Protein Kinase C Isozymes. Heterocycles, 2007, 73, 289.	0.4	9
132	Design and Synthesis of 8-Octyl-benzolactam-V9, a Selective Activator for Protein Kinase CÎµ and Î·. Journal of Medicinal Chemistry, 2006, 49, 2681-2688.	2.9	24
133	Verification of the turn at positions 22 and 23 of the Î²-amyloid fibrils with Italian mutation using solid-state NMR. Bioorganic and Medicinal Chemistry, 2005, 13, 6803-6809.	1.4	42
134	InÂvivo Neuroprotective Activity of Epopeptide AB Against Ischemic Damage. Cytotechnology, 2005, 47, 139-144.	0.7	3
135	Toward the development of new medicinal leads with selectivity for protein kinase C isozymes. Chemical Record, 2005, 5, 185-195.	2.9	38
136	Structure of Î²-amyloid fibrils and its relevance to their neurotoxicity: Implications for the pathogenesis of Alzheimerâ€™s disease. Journal of Bioscience and Bioengineering, 2005, 99, 437-447.	1.1	84
137	Indolactam-V Is Involved in the CH/Ï€ Interaction with Pro-11 of the PKCÎ´ C1B Domain:â€‰ Application for the Structural Optimization of the PKCÎ´ Ligand. Journal of the American Chemical Society, 2005, 127, 5746-5747.	6.6	42
138	Formation and Stabilization Model of the 42-mer AÎ²Â· Radical:Â Implications for the Long-Lasting Oxidative Stress in Alzheimer's Disease. Journal of the American Chemical Society, 2005, 127, 15168-15174.	6.6	158
139	Analysis of the Secondary Structure of Î²-Amyloid (AÎ²42) Fibrils by Systematic Proline Replacement. Journal of Biological Chemistry, 2004, 279, 52781-52788.	1.6	162
140	Synthesis, conformation and PKC isozyme surrogate binding of indolinelactam-Vs, new conformationally restricted analogues of (â€²)-indolactam-V. Tetrahedron, 2004, 60, 7077-7084.	1.0	17
141	Tumor promoter binding of the protein kinase C C1 homology domain peptides of RasGRPs, chimaerins, and Unc13s. Bioorganic and Medicinal Chemistry, 2004, 12, 4575-4583.	1.4	32
142	Indolactam and Benzolactam Compounds as New Medicinal Leads with Binding Selectivity for C1 Domains of Protein Kinase C Isozymes. Current Pharmaceutical Design, 2004, 10, 1371-1385.	0.9	45
143	Analysis of the non-covalent interaction between metal ions and the cysteine-Rich domain of protein kinase C eta by electrospray ionization mass spectrometry. Bioorganic and Medicinal Chemistry, 2003, 11, 5075-5082.	1.4	12
144	Synthesis and binding selectivity of 7- and 15-decylbenzolactone-V8 for the C1 domains of protein kinase C isozymes. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 3015-3019.	1.0	9

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